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#### ATTORNEY DOCKET NO. 04137.0003U3 APPLICATION NO. 10/652,622

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
NI et al.	) Confirmation No	o: 1025
Serial No.: 10/652,622	) Group Art:	1635
Filed: August 29, 2003	) Examiner:	Unassigned
For: "DELIVERY OF PHYSIOLOGICAL AGENTS WITH IN-SITU GELS COMPRISING ANIONIC POLYSACCHARIDES"	) ) )	

#### STATUS INQUIRY IN VIEW OF MISSING PARTS

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C. Customer Number 23859

June 10, 2004

Sirs:

The captioned application was filed without inclusion of payment of fees or inventor's Oaths/Declarations on August 29, 2003, and Applicants have received their date-stamped return receipt postcard (copy attached) showing the serial number of the application and receipt of the application and associated filing papers. Applicants have not however received the expected Notice of Missing Parts, and it therefore appears the processing of the application by the Commissioner may be experiencing problems. Applicants respectfully request that the Office inquire into the status of this application and address any processing problems, so that a Notice of

Missing Parts is issued, and publication of the application can proceed.

An Information Disclosure Statement, Form PTO-1449, and copies of needed references are also attached herewith.

When a proper Notice of Missing Parts or other document clarifying the status of the processing of the application is received, Applicants will soon thereafter submit appropriate payments for the application filing fees, and any other required fees.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.

Mark A. Murphy, Ph.D. Registration No. 42,915

NEEDLE & ROSENBERG, P.C. Customer Number 23859 (678) 420-9300 Phone (678) 420-9301 Fax

#### CERTIFICATE OF MAILING

I hereby certify that this correspondence, including any items indicated as attached or included, is being deposited with the United States Postal Service in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date indicated below.

Mark A. Murphy, Ph.D.

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### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)		
NI et al.	)	Confirmation No:	1025
Serial No.: 10/652,622	)	Group Art:	1635
Filed: August 29, 2003	)	Examiner:	Unassigned
For: "DELIVERY OF PHYSIOLOGICAL AGENTS WITH IN-SITU GELS COMPRISING ANIONIC	)		
POLYSACCHARIDES"	)		

#### INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450 NEEDLE & ROSENBERG, P.C. Customer Number 23859

June 10, 2004

Sir:

Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying Form PTO 1449 is a listing of documents known to Applicants and/or their attorneys. Some of the documents cited were cited by or submitted to the Patent Office in Application No. 09/795,987, filed February 28, 2001, to which the present application claims priority. These documents are indicated by a double asterisk (\*\*) on the Form PTO 1449. Pursuant to 37 C.F.R. § 1.98(d), copies of these documents are not enclosed. A copy of each of the remaining documents is enclosed.

In accordance with the provisions of M.P.E.P. § 2001.06(b) and 37 C.F.R. § 1.98(b)(3), Applicants would like to bring to the attention of the Examiner the existence of the co-pending patent application(s) identified below, which were filed in the United States Patent and Trademark Office:

	Application No.	<b>Date Filed</b>	<u>Inventors</u>	Attorney Docket No.
1.	09/795,897	02/28/2001	Ni et al.	04137.0003U1
2.	09/325,610	06/03/1999	Ni et al.	04137.0002U2
3.	10/422,867	04/23/2003	Ni et al.	04137.0002U3
4.	60/573,790	05/24/2004	Ni et al.	04137.0004U1

In accordance with the requirements of 37 C.F.R. § 1.98(a)(2)(iii), a copy of the above-referenced application specification(s), including the claims and drawings thereof, is enclosed.

Consideration of the cited documents and making the same of record in the prosecution of the above-referenced application are respectfully requested.

No fee is believed due; however, the Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.

Mark A. Murphy, Ph.D. Registration No. 42,915

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Mark A Murphy Ph D

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of Sheet

Complete if Known					
Application Number	10/652,622				
Filing Date	August 29, 2003				
First Name Inventor	NI et al.				
Art Unit	1635				
Examiner Name	Unassigned				
Attorney Docket Number	04137.0003U3				

Examiner Initials*	Cite No.1		Document No. umber-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant
		<del>                                     </del>			26.1.9	Figures Appear
	A1	**	US-3,982,003	09/21/1976	Mitchell et al.	
	A2	**	US-4,199,560	04/22/1980	Gyarmati et al.	
	A3	**	US-4,305,933	12/15/1981	Wiczer	
	A4	**	US-4,500,510	02/19/1985	Goldstein	
	A5	**	US-4,613,500	09/23/1986	Suzuki et al.	
	A6	**	US-4,652,441	03/24/1987	Okada et al.	
	A7	**	US-4,711,782	12/08/1987	Okada et al.	
	A8	**	US-4,725,438	02/16/1988	Leazer	
	A9	**	US-4,847,091	07/11/1989	Illum	
	A10	**	US-4,842,866	06/27/1989	Horder et al.	
	A11	**	US-4,917,890	04/17/1990	McAnalley	
	A12	**	US-4,917,893	04/17/1990	Okada et al.	
	A13	**	US-4,925,677	05/15/1990	Feijen	
	A14	**	US-4,981,875	01/01/1991	Leusner et al.	
· · · · · · · · · · · · · · · · · · ·	A15	**	US-5,059,189	10/22/1991	Cilento et al.	
	A16	**	US-5,061,492	10/29/1991	Okada et al.	
	A17	**	US-5,064,650	11/12/1991	Lew	
	A18	**	US-5,071,644	12/10/1991	Viegas et al.	
	A19	**	US-5,079,018	01/07/1992	Ecanow	
	A20	**	US-5,147,648	09/15/1992	Bannert	
	A21	**	US-5,188,825	02/23/1993	Iles et al.	
	A22	**	US-5,192,802	03/09/1993	Rencher	
	A23	**	US-5,204,108	04/20/1993	Illum	
	A24	**	US-5,208,031	05/04/1993	Kelly	
	A25	**	US-5,238,917	08/24/1993	Fujii et al.	
	A26	**	US-5,266,318	11/30/1993	Taylor-McCord	
	A27	**	US-5,284,659	02/08/1994	Cherukuri et al	
<del> </del>	A28	**	US-5,288,498	02/22/1994	Stanley et al.	
	A29	**	US-5,288,500	02/22/1994	Ibsen	
	A30	**	US-5,314,915	05/24/1994	Rencher	
	A31	**	US-5,318,780	06/07/1994	Viegas et al.	
	A32	**	US-5,362,424	11/08/1994	Lee et al.	

<sup>\*\*</sup>Documents indicated with \*\* have been previously submitted in a parent application.

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

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U.S. PATENT DOCUMENTS  Examiner   Cite   Document No.   Publication Date   Name of Patentee or Applicant   Pages, Columns, Lines, Where						
Examiner Initials*	Cite No.1	N	Document No. umber-Kind Code <sup>2 (if known)</sup>	MM-DD-YYYY	of Cited Document	Relevant Passages or Relevant Figures Appear
	A33	**	US-5,409,703	04/25/1995	McAnalley et al.	
	A34	**	US-5,435,997	07/25/1995	Burns	
	A35	**	US-5,503,822	04/02/1996	Schulman	
	A36	**	US-5,505,966	04/09/1996	Edman et al.	
	A37	**	US-5,508,043	04/16/1996	Krishnamurthy	
	A38	**	US-5,512,306	04/30/1996	Carlsson et al.	
	A39	**	US-5,525,634	06/11/1996	Sintov et al.	
	A40	**	US-5,545,673	08/13/1996	Kelly	
	A41	**	US-5,571,531	11/05/1996	McDermott et al.	
	A42	**	US-5,578,307	11/26/1996	Wunderlich et al.	
	A43	**	US-5,587,175	12/24/1996	Viegas et al.	
	A44	**	US-5,599,551	02/04/1997	Kelly	
	A45	**	US-5,612,053	04/14/1998	Baichwal et al.	
	A46	**	US-5,622,717	04/22/1997	Fuisz	
	A47	**	US-5,639,795	06/17/1997	Friedman et al.	
	A48	**	US-5,645,827	07/08/1997	Marlin et al.	
	A49	**	US-5,648,399	07/15/1997	Friedman et al.	
	A50	**	US-5,651,987	07/29/1997	Fuisz	
	A51	**	US-5,674,495	10/07/1997	Bowersock et al.	
	A52	**	US-5,707,644	01/13/1998	Illum	
	A53	**	US-5,738,865	04/14/1998	Baichwal et al.	
	A54	**	US-5,760,102	06/02/1998	Hall et al.	
	A55	**	US-5,770,582	06/23/1998	von Borstel et al.	
	A56	**	US-5,804,212	09/08/1998	Illum	
	A57	**	US-5,811,123	09/22/1998	Fuisz	
	A58	**	US-5,840,332	11/24/1998	Lerner et al.	
	A59	**	US-5,849,327	12/15/1998	Berliner et al.	
	A60	**	US-5,866,619	02/02/1999	Sintov et al.	
	A61	**	US-5,900,238	05/04/1999	Gombotz et al.	
· ·	A62	**	US-5,902,796	05/11/1999	Shand et al.	
	A63	**	US-5,929,051	07/27/1999	Ni et al.	
	A64	**	US-5,935,604	08/10/1999	Illum	

<sup>\*\*</sup>Documents indicated with \*\* have been previously submitted in a parent application.

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Examiner	U.S. PATENT DOCUMENTS  Examiner   Cite   Document No.   Publication Date   Name of Patentee or Applicant   Pages, Columns, Lines, Where						
Initials*	No.1	N	umber-Kind Code <sup>2 (if known)</sup>	MM-DD-YYYY	of Cited Document	Relevant Passages or Relevant Figures Appear	
	A65	**	US-5,942,242	08/24/1999	Mizushima et al.		
	A66	**	US-5,948,749	09/07/1999	Igarashi et al.		
	A67	**	US-5,958,443	09/28/1999	Viegas et al.		
	A68	**	US-6,033,651	03/07/2000	Dolak et al.		
	A69	**	US-6,060,078	05/09/2000	Lee		
	A70	**	US-6,063,915	05/16/2000	Hansen et al.		
	A71	**	US-6,083,531	07/04/2000	Humbert-Droz et al.		
	A72	**	US-6,083,540	07/04/2000	Christensen et al.		
	A73	**	US-6,103,269	08/15/2000	Wunderlich et al.		
	A74	**	US-6,133,440	10/17/2000	Qiu et al.		
	A75	**	US-6,136,334	10/24/2000	Viegas et al.		
	A76	**	US-6,139,880	10/31/2000	Dolak et al.		
	A77	**	US-6,149,940	11/21/2000	Maggi et al.		
	A78	**	US-6,159,491	12/12/2000	Durrani		
	A79	**	US-6,171,594	01/09/2001	Nielsen		
	A80	**	US-6,174,549	01/16/2001	Greenshields et al.		
	A81	**	US-6,197,327	03/06/2001	Harrison et al.		
	A82	**	US-6,197,346	03/06/2001	Mathiowitz et al.		
	A83	**	US-6,210,710	04/03/2001	Skinner		
	A84	**	US-6,217,908	04/17/2001	Mathiowitz et al.		
	A85	**	US-6,228,387	05/08/2001	Borod		
	A86	**	US-6,228,396	05/08/2001	Watts		
	A87	**	US-6,231,888	05/15/2001	Lerner et al.		
	A88	**	US-6,248,360	06/19/2001	Choi et al.		
	A89	**	US-6,261,574	07/17/2001	Costello		
	A90	**	US-6,274,548	08/14/2001	Ni et al.		
	A91	**	US-6,284,273	09/04/2001	Lenaerts et al.		
	A92	**	US-6,290,964	09/18/2001	Shupe et al.		
	A93	**	US-6,309,675	10/30/2001	Sobczak		
	A94	**	US-6,310,089	10/30/2001	Watts et al.		
	A95	**	US-6,313,103	11/06/2001	Ni et al.		
	A96	**	US-6,333,194	12/25/2001	Levy et al.		

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Application Number	10/652,622				
Filing Date	August 29, 2003				
First Name Inventor	NI et al.				
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	A97	**	US-6,342,251	01/29/200	Illum et al.	
	A98	**	US-6,350,469	02/26/2002	Daggy et al.	
	A99	**	US-6,355,276	03/12/2002	Illum et al.	
	A100	**	US-6,358,525	03/19/2002	Guo et al.	
	A101	**	US-6,365,200	04/02/2002	Birnholz et al.	
	A102	**	US-6,365,624	04/02/2002	Davidson et al.	
	A103	**	US-6,368,639	04/09/2002	Farooqui et al.	
	A104	**	US-6,375,963	04/23/2002	Repka et al.	
	A105	**	US-6,375,988	04/23/2002	Suzuki et al.	
	A106	**	US-6,383,495	05/07/2002	Ramakrishna et al.	
	A107	**	US-6,383,513	05/07/2002	Watts et al.	
	A108	**	US-6,387,394	05/14/2002	Baichwal et al.	
	A109	**	US-6,387,408	05/14/2002	Illum et al.	
	A110	**	US-6,387,917	05/14/2002	Illum et al.	
	A111	**	US-6,391,318	05/21/2002	Illum et al.	
	A112	**	US-6,413,494	07/02/2002	Lee et al.	
	A113	**	US-6,413,941	07/02/2002	Garnett et al.	
	A114	**	US-6,416,779	07/09/2002	D'Augustine et al.	
	A115	**	US-6,423,345	07/23/2002	Bernstein et al.	
	A116	**	US-6,432,440	08/13/2002	Watts et al.	
	A117	**	US-6,436,461	08/20/2002	Bouwmeesters et al.	
	A118	**	US-6,451,351	09/17/2002	Kawashima et al.	
	A119	**	US-6,455,066	09/24/2002	Fischer et al.	
	A120	**	US-6,465,626	10/15/2002	Watts et al.	
	A121	**	US-6,475,526	11/05/2002	Smith	
	A122	**	US-6,517,868	02/11/2003	Fassihi et al.	
	A123	**	US-6,531,152	03/11/2003	Lerner et al.	
	A124	**	US-6,534,065	03/18/2003	Makin et al.	
	A125	**	US-6,541,035	04/01/2003	Pallado et al.	
	A126	**	US-6,551,631	04/22/2003	Shupe et al.	
· · · · · · · · · · · · · · · · · · ·	A127	**	US-6,552,024	04/22/2003	Chen et al.	
	A128	**	US-6,558,792	05/06/2003	Vaabengaard et al.	

<sup>\*\*</sup>Documents indicated with \*\* have been previously submitted in a parent application.

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of Sheet 5

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U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	l r	Document No. Number-Kind Code <sup>2 (if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A129	**	US-6,562,363	05/13/2003	Mantelle et al.	
	A130	**	US-6,569,463	05/27/2003	Patel et al.	
	A131	**	US-6,596,297	07/22/2003	Neurath et al.	
	A132	**	US-6,582,728	06/24/2003	Platz et al.	
	A133	**	US2002/0176846 A1	11/28/2002	Hastedt et al.	
	A134	**	US2002/0086829 A1	07/04/2002	Gefter	
- 7/	A135	**	US2002/0058624 A1	05/16/2002	Hanyu et al.	
	A136	**	US2002/0009418 A1	01/24/2002	Steiner et al.	
	A137	**	US2001/0046519 A1	11/29/2001	Illum et al.	

	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	i i	oreign Patent Document Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5 (if</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>	
	A138	**	WO 99/27905	06/10/1999	Illum et al. (PCT)			
	A139	**	WO 98/47535	10/29/1998	Watts et al. (PCT)			
	A140	**	RU 324263	12/23/1971	Aimukhamedova et al. (English translation provided)			

	.34		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*		Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where publisher	
	**	A141	ALBERSHEIM et al., "Splitting of Pectin Chain Molecules in Neutral Solutions," Biochemistry and Biophysics, 90:46-51 (1960)	
	**	A142	ANDERSON, "Human Gene Therapy," Nature, 392:25-30 (1998)	
		A143	ANDERSON et al., "Protection of Cattle Against Rinderpest by Intranasal Immunisation with a Dry Powder Tissue Culture Vaccine, 19:840-843 (2001)	
	**	A144	ASHFORD et al., "Studies on Pectin Formulations for Colonic Drug Delivery," Journal of Controlled Release, 30:225-232 (1994)	
	**	A145	ASHFORD et al., "An Evaluation of Pectin as a Carrier for Drug Targeting to the Colon," Journal of Controlled Release, 26:213-220 (1993)	
	**	A146	AUSTIN et al., "The Effect of Calcium Pectinate Gel Implants on the Healing of Experimental Defects in the Femora of Albino Rats," S. Afr. J. Med. Sci., 38:55-60 (1973)	
	**	A147	AXELOS et al., "Influence of the Substitutents of the Carboxyl Groups and of the Rhamnose Content of the Solution Properties and Flexibility of Pectins," Int. J. Biol. Macromol., 13:77-82 (1991)	

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Attorney Docket Number	04137.0003U3				

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Sheet 7 of

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